

ABSTRACT

METHOD AND APPARATUS FOR TRANSMISSION
LINE EQUALISATION

5

A modem receiver 10 receives a multitone signal with a cyclic extension of M samples on a channel 20. The receiver includes a time domain equaliser 14 that includes a finite impulse response (FIR) filter. The FIR filter targets the combined response of the channel and filter to a target impulse response having N taps, where N is less than

10 $M+1$.

[Figure 1]

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